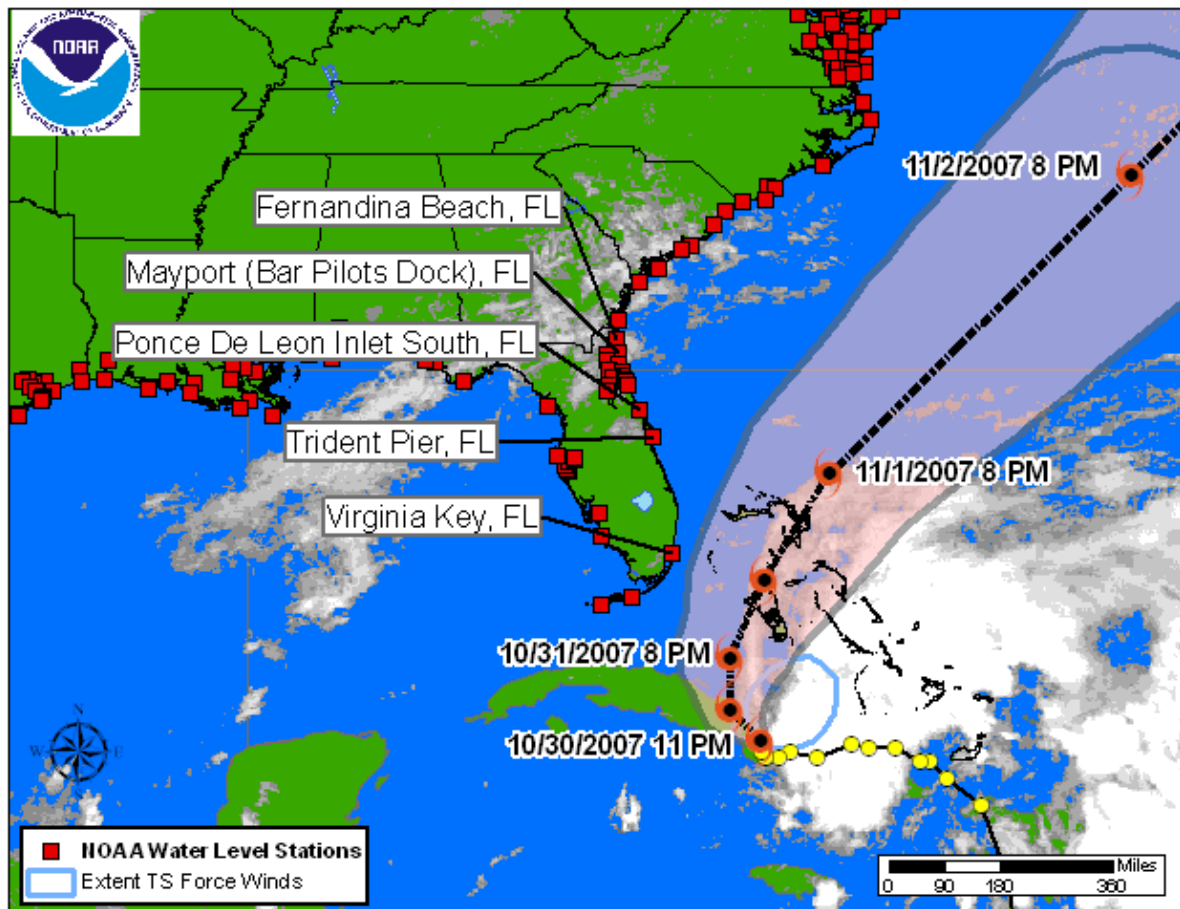




Tropical Storm NOEL QUICKLOOK
Posted: 00:00 EDT 10/31/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water levels along the eastern coast of Florida are elevated due to high winds produced by the interaction of Tropical Storm NOEL with a high pressure system across the southeastern U.S.

Water level and meteorological plots available below are updated automatically. Water level observations on **Mean Lower Low Water** as of 10/31/2007 00:00 EDT are:

Virginia Key, FL ~ 0.58 ft (0.18 m) above predicted. Next High tide Wed 10/31/2007 at 01:25 EDT ~ 2.50 ft (0.76 m).

Trident Pier, FL ~ 1.22 ft (0.37 m) above predicted. Next High tide Wed 10/31/2007 at 00:06 EDT ~ 3.60 ft (1.10 m).

Ponce De Leon Inlet South, FL ~ 2.10 ft (0.64 m) above predicted. Next High tide Wed 10/31/2007 at 00:46 EDT

~3.30 ft (1.01 m).

Mayport (Bar Pilots Dock), FL ~ 0.93 ft (0.28 m) above predicted. Next High tide Wed 10/31/2007 at 01:11 EDT ~ 4.8 ft (1.46 m).

Fernandina Beach, FL ~ 1.13 ft (0.34 m) above predicted. Next High tide Wed 10/31/2007 at 01:19 EDT ~ 6.00 ft (1.83 m).

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

...NOEL STILL DUMPING HEAVY RAINS OVER CUBA AND HISPANIOLA...

INTERESTS IN SOUTHERN FLORIDA SHOULD MONITOR THE PROGRESS OF NOEL.

AT 1100 PM EDT THE CENTER OF TROPICAL STORM NOEL WAS LOCATED NEAR LATITUDE 21.4 NORTH...LONGITUDE 78.1 WEST OR VERY NEAR CAMAGUEY CUBA AND ABOUT 255 MILES SOUTH OF NASSAU.

NOEL HAS BEEN MOVING ERRATICALLY OVER THE PAST FEW HOURS BUT IS MOVING GENERALLY TOWARD THE NORTHWEST NEAR 5 MPH. A GRADUAL TURN TOWARD THE NORTH-NORTHWEST AND NORTH IS EXPECTED OVER THE NEXT 24 HOURS. ON THIS TRACK...NOEL IS EXPECTED TO EMERGE OFF OF THE NORTH COAST OF CUBA DURING THE DAY ON WEDNESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS EXPECTED WHEN THE CENTER MOVES OVER WATER.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1002 MB.

ABOVE NORMAL TIDES ARE LIKELY WITHIN THE WARNING AREAS.

FORECASTER PASCH/BLAKE

For additional data and more information on the Storm QuickLook product, please visit www.tidesandcurrents.noaa.gov.

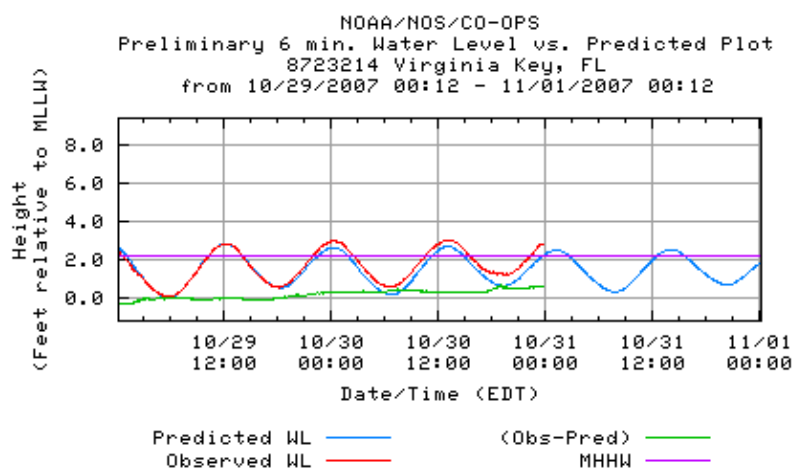
Water Level Analyst:CM

Tropical Storm NOEL QUICKLOOK, POSTED 00:00 EDT 10/31/2007

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Barometric](#),

Virginia Key, FL - Station Map [Return to List](#)

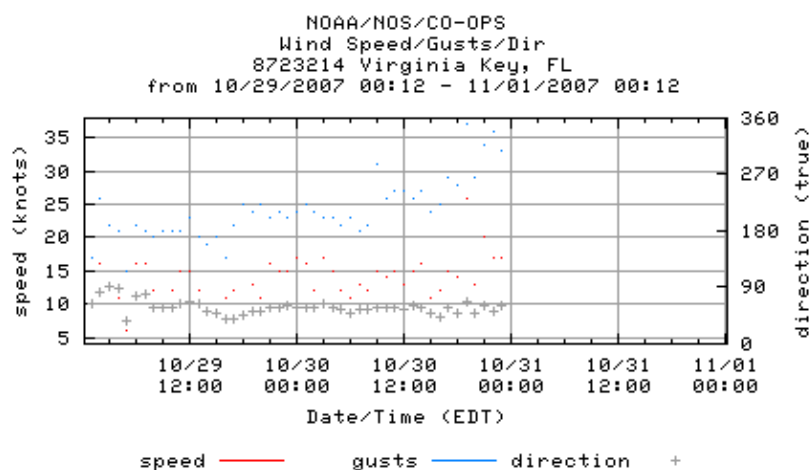


Last Observed Sample: 10/30/2007 23:42 (EDT)

Relative to **MLLW**: **Observed: 2.85 ft. Predicted: 2.21 ft. Residual: 0.64 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

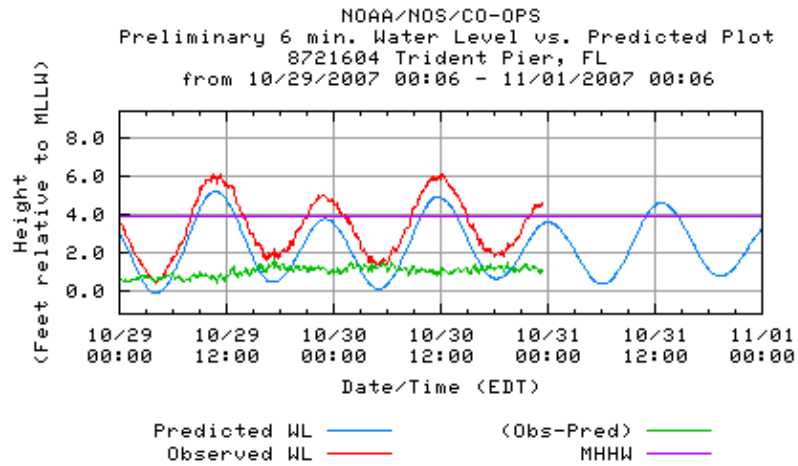
Virginia Key, FL - Station Map [Return to List](#)



Last Observed Sample: 10/30/2007 23:00 (EDT)

Wind Speed: 17 knots Gusts: 33 knots Direction: 062° T

Trident Pier, FL - Station Map [Return to List](#)

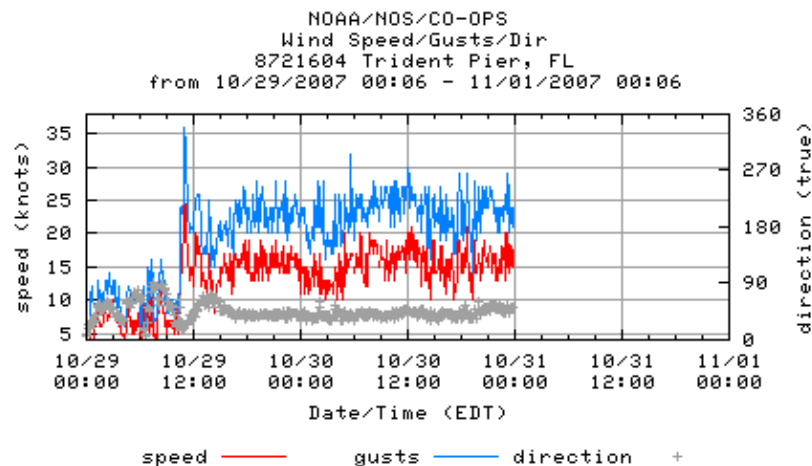


Last Observed Sample: 10/30/2007 23:30 (EDT)

Relative to **MLLW**: **Observed: 4.66 ft. Predicted: 3.55 ft. Residual: 1.11 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

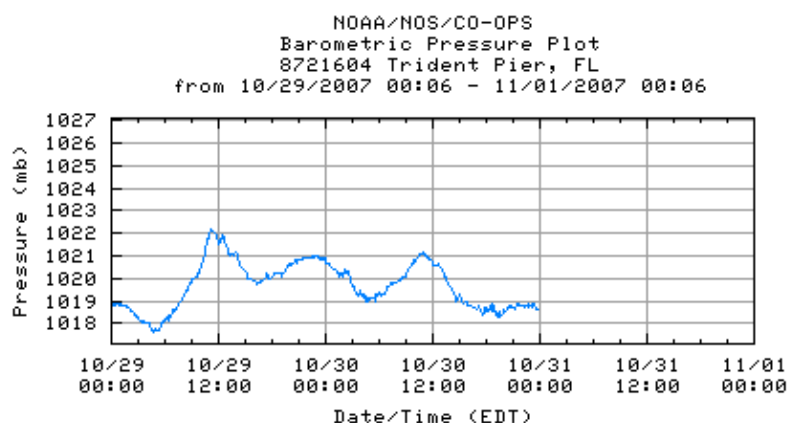
Trident Pier, FL - Station Map [Return to List](#)



Last Observed Sample: 10/30/2007 23:54 (EDT)

Wind Speed: 15 knots Gusts: 21 knots Direction: 051° T

Trident Pier, FL - Station Map [Return to List](#)

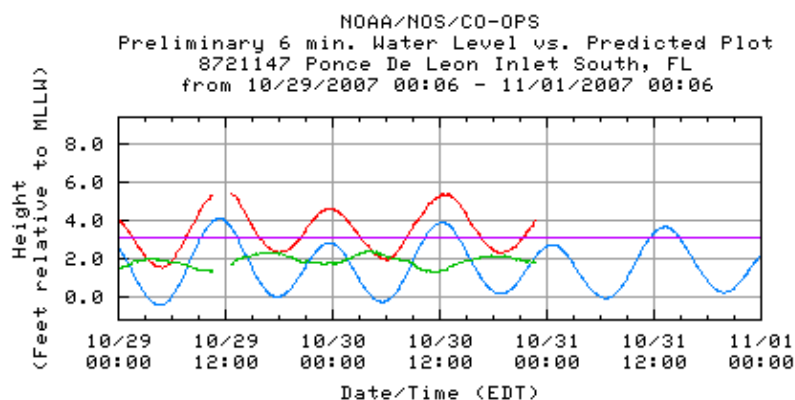


barometric pressure —

Last Observed Sample: 10/30/2007 23:54 (EDT)

Barometric Pressure: 1018.6 mb

Ponce De Leon Inlet South, FL - Station Map [Return to List](#)



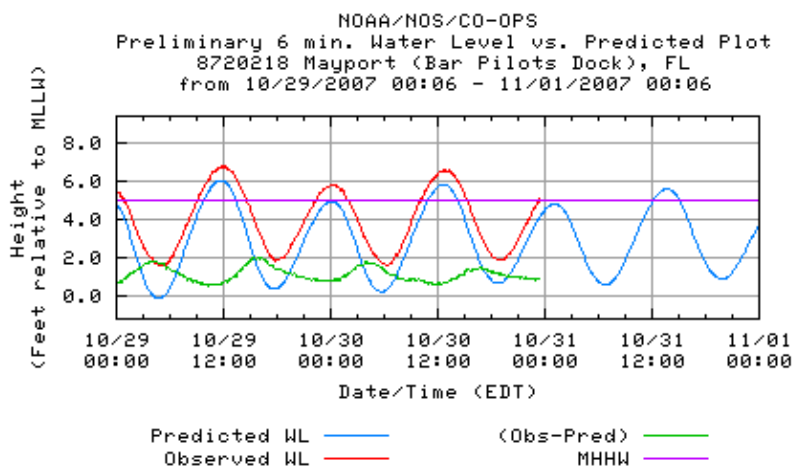
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 10/30/2007 22:54 (EDT)

Relative to **MLLW**: Observed: 4.04 ft. Predicted: 2.18 ft. Residual: 1.86 ft.

Historical Maximum Water Level: 11/03/1978, 1.67 ft. above **MHHW**

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)

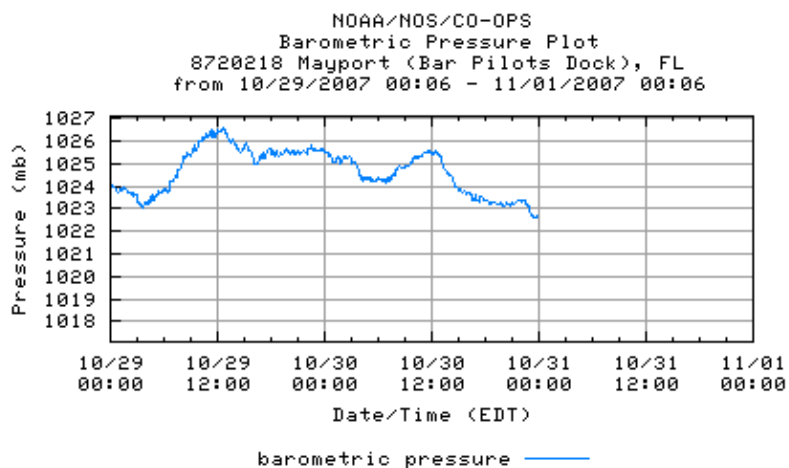


Last Observed Sample: 10/30/2007 23:30 (EDT)

Relative to **MLLW**: **Observed: 5.09 ft. Predicted: 4.14 ft. Residual: 0.95 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

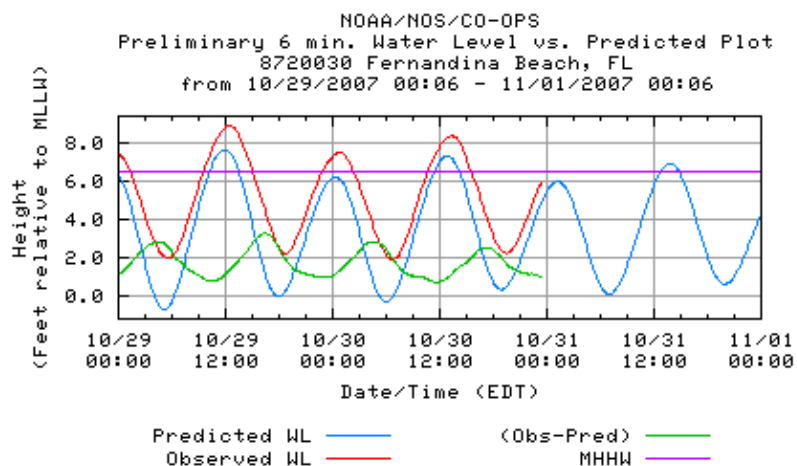
Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)



Last Observed Sample: 10/30/2007 23:54 (EDT)

Barometric Pressure: 1022.7 mb

Fernandina Beach, FL - Station Map [Return to List](#)

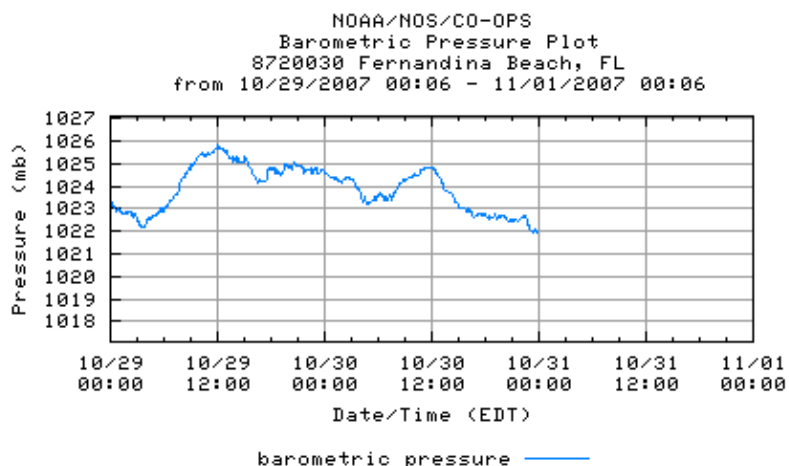


Last Observed Sample: 10/30/2007 23:30 (EDT)

Relative to **MLLW**: **Observed: 5.97 ft. Predicted: 4.93 ft. Residual: 1.04 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

Fernandina Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 10/30/2007 23:54 (EDT)

Barometric Pressure: 1021.9 mb

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Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce